



# PS200-C245T-HS-3K-42%RW-1250



## Resin System

### PS200

98% bio based heat and fire resistant system



## Reinforcement

245gsm High quality visual 2x2 twill carbon fabric



## Technical info

CPT = 0.28mm

Density = 1.51 g/cc



## Reduced Impact

41% Laminate Bio content  
Resin derived from waste crops  
Detailed CO<sub>2</sub> impact assessment available

## Sustainability focus

PS200 is a highly flame-retardant bio-derived prepreg resin system designed for use in heat and flame shielding applications. Typically used in non-structural or semi-structural components, the properties of PS200 can be tailored to provide unique service performance characteristics across a wide range of temperatures. This unique system is also used for battery box construction to deal with the extreme temperatures of the thermal runaway events that can occur with lithium-ion batteries. SHD have performed a deep dive cradle-to-gate Carbon Impact assessment to understand and report the CO<sub>2</sub> produced from growing of the feedstock crop through to how we process and package the prepreg at our UK facility.